

PTO/SB/08B (Modified)

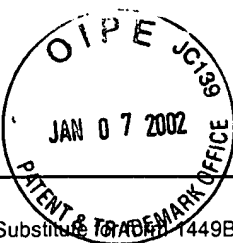
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/009,455		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1754		
		Examiner Name	Langel		
Sheet	1	of	3	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WAL		H. Conrads, R. Mills, Th. Wrubel, "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", Plasma Sources Science and Technology, submitted. (no date)
WAL		R. L. Mills, P. Ray, "Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Chem. Phys. Letts., submitted. (no date)
WAL		R. L. Mills, B. Dhandapani, J. He, "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride", Int. J. Hydrogen Energy, submitted. (no date)
WAL		R. L. Mills, A. Voigt, B. Dhandapani, J. He, "Synthesis and Characterization of Lithium Chloro Hydride", Int. J. Hydrogen Energy, submitted. (no date)
WAL		R. L. Mills, P. Ray, "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen", New Journal of Physics, submitted. (no date)
WAL		R. L. Mills, P. Ray, "High Resolution Spectroscopic Observation of the Bound-Free Hyperfine Levels of a Novel Hydride Ion Corresponding to a Fractional Rydberg State of Atomic Hydrogen", Int. J. Hydrogen Energy, in press. (no date)
WAL		R. L. Mills, E. Dayalan, "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Energy Density Batteries", Proceedings of the 17 th Annual Battery Conference on Applications and Advances, California State University, Long Beach, CA, (January 15-18, 2002), in press.
WAL		R. Mayo, R. Mills, M. Nansteel, "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Microdistributed Power Applications", IEEE Transactions on Plasma Science, submitted. (no date)

Examiner Signature	WAYNE A. LANGEL	Date Considered	4-22-02
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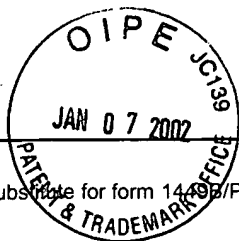
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WAL		R. Mills, P. Ray, J. Dong, M. Nansteel, W. Good, P. Jansson, B. Dhandapani, J. He, "Excessive Balmer Line Broadening, Power Balance, and Novel Hydride Ion Product of Plasma Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Int. J. Hydrogen Energy, submitted, (no date)
WAL		R. Mills, E. Dayalan, P. Ray, B. Dhandapani, J. He, "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis", Japanese Journal of Applied Physics, submitted, (no date)
WAL		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts", Chem. Phys., submitted. (no date)
WAL		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen", J. of Phys. Chem. (letter), submitted. (no date)
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WAL		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "Spectroscopic Identification of Transitions of Fractional Rydberg States of Atomic Hydrogen", Quantitative Spectroscopy and Energy Transfer, submitted. (no date)
WAL		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion", Spectrochimica Acta, Part A, submitted. (no date)
WAL		R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, in press. (no date)

Examiner Signature	WAYNE A. LANGE	Date Considered	4-22-02
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WAL		R. Mills, J. Dong, W. Good, P. Ray, J. He, B. Dhandapani, "Measurement of Energy Balances of Noble Gas-Hydrogen Discharge Plasmas Using Calvet Calorimetry", Int. J. Hydrogen Energy, in press. (no date)
WAL		R. L. Mills, A. Voigt, P. Ray, M. Nansteel, B. Dhandapani, "Measurement of Hydrogen Balmer Line Broadening and Thermal Power Balances of Noble Gas-Hydrogen Discharge Plasmas", Int. J. Hydrogen Energy, in press. (no date)
WAL		R. Mills, P. Ray, "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion", Int. J. Hydrogen Energy, in press. (no date)
WAL		R. Mills, P. Ray, "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter", Int. J. Hydrogen Energy, Vol. 27, No. 3, (2002) pp. 301-322. (no month)
WAL		R. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, Vol. 27, No. 2, (2002), pp. 183-192. (no month)
WAL		R. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity", Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, <i>Hydrogen: The Common Thread</i> , The Washington Hilton and Towers, Washington DC, (March 6-8, 2001), pp. 671-697.
WAL		Keith Keefer, Ph.D., "Interim Report on BlackLight Power Technology: Its Apparent Scientific Basis, State of Development and Suitability for Commercialization by Liebert Corporation." (no date)
WAL		R. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com. (no month)

Examiner Signature	WAYNE A. LANGEL	Date Considered	4-22-02
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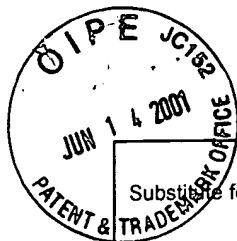
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		BlackLight Power, Inc., pp. 433-440, 2001, (no month)	
WAL		NEYNABER <i>et al.</i> , "Formation of HeH ⁺ from Low-Energy Collisions of Metastable Helium and Molecular Hydrogen", <i>J. Chem. Phys.</i> , 57 , pp. 5128-5137, (Dec. 16, 1972)	
WAL		HOLLANDER <i>et al.</i> , "Vacuum ultraviolet emission from microwave plasmas of hydrogen and its mixtures with helium and oxygen", <i>J. Vac. Sci. Technol.</i> , 12 , pp. 879-882, (1994) (no month)	
WAL		FUJIMOTO <i>et al.</i> , "Ratio of Balmer line intensities resulting from dissociative excitation of molecular hydrogen in an ionizing plasma", <i>J. Appl. Phys.</i> , 66 , pp. 2315-5319, (1989), (no month)	
WAL		KURUNCZI <i>et al.</i> , "Excimer formation in high-pressure microhollow cathode discharge plasmas in helium initiated by low-energy electron collisions", <i>Intl. J. Mass Spectrometry</i> , 205 , pp. 277-283, (2001), (no month)	
WAL		ABDALLAH <i>et al.</i> , "The Behavior of Nitrogen Excited in an Inductively Coupled Argon Plasma", <i>J. Quant. Spectrosc. Radiat. Transfer</i> , 19 , pp. 83-91, (1978), (no month)	
WAL		FOZZA <i>et al.</i> , "Vacuum ultraviolet to visible emission from hydrogen plasma: Effect of excitation frequency", <i>J. Appl. Phys.</i> , 88 , pp. 20-33, (2000), (no month)	
WAL		HODOROABA <i>et al.</i> , "Investigations of the effect of hydrogen in an argon glow discharge", <i>J. Analytical Atomic Spectrometry</i> , (published on the Web 8-4-2000), (no month)	
WAL		KURAICA <i>et al.</i> , "Line shapes of atomic hydrogen in a plane-cathode abnormal glow discharge", <i>Physical Review</i> , 46 , pp. 4429-4432, (1992), (no month)	
WAL		KURUNCZI <i>et al.</i> , "Hydrogen Lyman- α and Lyman- β emissions from high-pressure microhollow cathode discharges in Ne-H ₂ mixtures", <i>J. Phys. At. Mol. Opt. Phys.</i> , 32 , pp. L651-L658, (1999), (no month)	

Examiner Signature	WAYNE A. LANGEL	Date Considered	4-19-02
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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

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WAL		JOYCE <i>et al.</i> , "Ion distribution functions in an Ar-Cl ECR discharge", <i>Plasma Sources Sci. Technol.</i> , 9 , pp. 429-436, (2000), (no month)	
WAL		KAWAI <i>et al.</i> , "Electron temperature, density, and metastable-atom density of argon electron-cyclotron-resonance plasma discharged by 7.0, 8.0, and 9.4 Ghz microwaves", <i>J. Vac. Sci. Technol. A</i> , 18 , pp. 2207-2212, (2000), (no month)	
WAL		ABRAMOVA <i>et al.</i> , "Tornado-type closed magnetic trap for an electron cyclotron resonance ion source", <i>Review of Scientific Instruments</i> , 71 , pp. 921-923, (2000), (no month)	
WAL		MEULENBROEKS <i>et al.</i> , "The argon-hydrogen expanding plasma: model and experiments", <i>Plasma Sources Sci. Technol.</i> , 4 , pp. 74-85 (1995), (no month)	
WAL		MEULENBROEKS <i>et al.</i> , "Influence of molecular processes on the hydrogen atomic system in an expanding argon-hydrogen plasma", <i>Phys. Plasmas</i> , 2 , pp. 1002-1008 (1995), (no month)	
WAL		RUDD <i>et al.</i> , "Backward Peak in the Electron Spectrum from Collisions of 70-ke V Protons with a Target from a Hydrogen-Atom Source", <i>The American Physical Society</i> , 68 , pp. 1504-1506. (1992), (no month)	

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Examiner Signature	WAYNE A. LANGE	Date Considered	4-22-02
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